

ABSTRACT

To acquire contents prior to a distribution request from a client in a time zone having sufficient network bandwidth, and efficiently use network bandwidth. An access trends analysis handler analyzes access to contents by a client, a contents prediction handler predicts contents expected to be in demand in the future based on this analysis result, and a contents acquisition handler acquires the forecast contents in a time zone when there is sufficient network bandwidth. A contents deletion handler predicts contents in the acquired contents for which not much demand is expected from the client contents access trends, and deletes these contents. Due to this invention, a contents distribution apparatus can be provided which enables efficient use of network bandwidth and disk capacity.

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100